

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-20 (canceled).

Claim 21 (currently amended): A method for inducing angiogenesis in a mammal by comprising the step of administering an effective amount of a homodimeric OP-1 or an amino acid variant thereof morphogenic protein; with the ~~proviso that said morphogenic protein is not BMP-2 or GDF-5.~~

Claims 22-25 (canceled).

Claim 26 (currently amended): The method according to claim 21, wherein the ~~morphogenic protein comprises a homodimeric OP-1 is disulfide bonded dimeric species.~~

Claims 27-28 (canceled).

Claim 29 (currently amended): The method according to claim 21, wherein the ~~morphogenic protein OP-1~~ is produced by the expression of a recombinant DNA molecule in a host cell.